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APPLICANT : NIPPON SYNTHETIC CHEM IND CO LTD:THE;

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TITLE : NEW PEPTIDE, ITS PRODUCTION AND USE THEREOF

ABSTRACT : NEW MATERIAL:A peptide having a skeleton of formula Trp-His-His-Trh.

USE: A low toxic angiotensinase inhibitor useful as a preventive and therapeutic agent of hypertension, an antihypertensive agent, a therapeutic agent of congestive cardiac failure, etc., with high safety.

PREPARATION: A protein (preferably fish protein such as dried bonito or actin) is initially mixed with (hot) water and the resultant mixture is homogenized by a strong stirring force. Thermolysin is then added thereto followed by hydrolysis at 10-85°C for 0.1-48hr. The resultant hydrolyzed solution is concentrated by centrifugal separation and subsequently purified by high performance liquid chromatography, etc.

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